

STEREO MOC Status Report  
Time Period: 2013:336 - 2013:342

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 337, during the DSS-15 support, the track was terminated one hour early at 1935z due to antenna problems. The SSR playback was stopped before releasing the antenna to prevent data loss. See DR# G114455 more information.
- On day 339, the DSS-15 support was cancelled due to maintenance for antenna problems. No other stations were available for tracking to prevent SSR data loss.
- On day 340, during the DSS-63 support, turbo decoder lock was lost briefly at 1217z. This anomaly resulted in the loss of one frame of SSR data.
- On day 342, the DSS-43 support was relinquished to assist Odyssey safehold recovery operations. MOps had planned on moving all SSR pointers back during the subsequent day 343 DSS-63 support, however transmitter issues prevented any attempt at data recovery. Therefore, the deleted DSS-43 track resulted in the loss of 4 hours of SSR data for all instruments. See DR# M107603 more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 338, the 1st SECCHI 30 degree comet Ison roll was executed successfully at 0001z.
- On day 339, the 2nd SECCHI 30 degree comet Ison roll was executed successfully at 0001z.
- On day 339, the SSR science partitions filled as follows:  
  
SECCHI (Part 19) reached 100% full at 2245z for 9.3 hours. This was caused by the cancelled DSS-15 track at 339-1440z.
- On day 340, the 3rd SECCHI 30 degree comet Ison roll was executed at 0001z, but the images were not recorded because the SECCHI SSR science partition was full.

- The average daily SSR playback volume for Ahead was 3.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 338, during the DSS-43 support, beginning of track was delayed seven minutes until 0437z due to antenna software problems. This anomaly resulted in the loss of seven minutes of SSR playback data. See DR# C109641 more information.
- On day 342, during the DSS-26 support, turbo decoder lock was lost briefly at 1808z and again at 2157z. This anomaly resulted in the loss of 2 frames of SSR data.

2. The following spacecraft/instrument events occurred during this week:

- On day 336, the 3rd SECCHI 290 degree comet Ison roll was executed successfully at 0200z.
- On day 337, the 4th SECCHI 290 degree comet Ison roll was executed successfully at 0001z.
- On day 338, the 5th SECCHI 290 degree comet Ison roll was executed successfully at 0001z.
- On day 339, the 6th SECCHI 290 degree comet Ison roll was executed successfully at 0001z.
- On day 340, the 7th SECCHI 290 degree comet Ison roll was executed successfully at 0001z.
- On day 341, the 8th SECCHI 290 degree comet Ison roll was executed successfully at 0200z.
- The average daily SSR playback volume for Behind was 3.7 Gbits during this week.